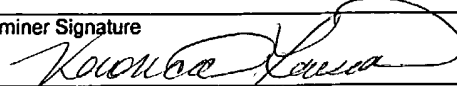
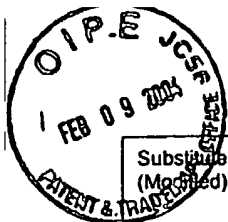


Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 11306-116002	Application No. 10/643,515
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant John R. Russell et al.	
		Filing Date August 19, 2003	Group Art Unit 1761

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
WJF	AA	161,740	04/21/21	Dawkins	—	—	
	AB	196,885	Unknown	Baumann	—	—	
	AC	422,430	01/11/35	Krier	—	—	
	AD	543,427	02/25/42	Culpitt et al.	—	—	
	AE	628,886	09/07/49	C. Jamin N.V.	—	—	
	AF	786,428	11/20/57	White	—	—	
	AG	919,736	04/27/09	Loesch	—	—	
	AH	1,605,903	11/02/26	Schuler	—	—	
	AI	2,123,215	07/12/38	Thomas	—	—	
	AJ	2,343,594	03/07/44	Unkles et al.	—	—	
	AK	2,347,022	04/18/44	Austin	—	—	
	AL	2,353,594	07/11/44	Seagren	—	—	
	AM	2,394,322	02/05/46	McKee	—	—	
	AN	2,526,811	10/24/50	Dawson	—	—	
	AO	2,578,150	12/11/51	Rathke	—	—	
	AP	2,610,588	09/16/52	Seagren et al.	—	—	
	AQ	2,895,832	07/21/59	Bersey	—	—	
	AR	3,052,552	09/04/62	Koerner et al.	—	—	
	AS	3,057,730	10/09/62	Morck	—	—	
	AT	3,192,086	06/29/65	Gyurk	—	—	
	AU	3,649,347	03/14/72	Battista	—	—	
	AV	3,654,894	04/11/72	Rohrbacher et al.	—	—	
	AW	3,658,977	04/25/72	Baker	—	—	
	AX	3,776,185	12/04/73	Kawasaki	—	—	
	AY	3,852,494	12/03/74	Williamson	—	—	
	AZ	4,024,287	05/17/77	Golchert	—	—	
✓	AAA	4,061,783	12/06/77	Hoffman et al.	—	—	

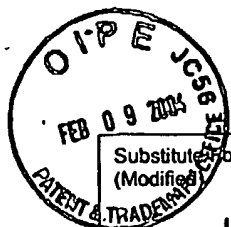
Examiner Signature 	Date Considered 6-28-04
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
JRP	ABB	4,168,662	09/25/79	Fell	-	-	
	ACC	4,285,978	08/25/81	Quinlivan	-	-	
	ADD	4,292,917	10/06/81	Ezaki	-	-	
	AEE	4,388,862	06/21/83	Thomas, Jr.	-	-	
	AFF	4,409,893	10/18/83	Newman et al.	-	-	
	AGG	4,421,825	12/20/83	Seiter et al.	-	-	
	AHH	4,455,320	06/19/84	Syrmis	-	-	
	AII	4,466,994	08/21/84	Hubbard et al.	-	-	
	AJJ	4,531,292	07/30/85	Pasternak	-	-	
	AKK	4,537,647	08/27/85	Foster	-	-	
	ALL	4,545,818	10/08/85	Inoue et al.	-	-	
	AMM	4,548,825	10/22/85	Voss et al.	-	-	
	ANN	4,560,562	12/24/85	Schroeder	-	-	
	AOO	4,578,273	03/25/86	Krubert	-	-	
	APP	4,592,916	06/03/86	Akesson	-	-	
	AQQ	4,668,521	05/26/87	Newsteder	-	-	
	ARR	4,668,523	05/26/87	Begleiter	-	-	
	ASS	4,670,271	06/02/87	Pasternak	-	-	
	ATT	4,785,313	11/15/88	Higuma et al.	-	-	
	AUU	4,832,966	05/23/89	Newsteder	-	-	
AVV	4,843,958	07/04/89	Egosi	-	-		
AWW	4,910,661	03/20/90	Barth et al.	-	-		
AXX	5,006,362	04/09/91	Hilborn	-	-		
AYY	5,017,394	05/21/91	Macpherson et al.	-	-		
AZZ	5,035,907	07/30/91	Phillips et al.	-	-		
AAAA	5,081,917	01/21/92	Masuda	-	-		
ABBB	5,255,352	10/19/93	Falk	-	-		

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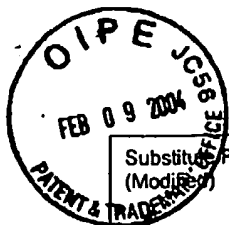


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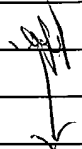
U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
[Signature]	ACCC	5,334,404	08/02/94	Garcia et al.	—	—	
	ADDD	5,435,840	07/25/95	Hilborn	—	—	
	AEEE	5,485,189	01/16/96	Ebata	—	—	
	AFFF	5,505,775	04/09/96	Kitos	—	—	
	AGGG	5,547,507	08/20/96	Ciaramita	—	—	
	AHHH	5,711,791	01/27/98	Crocker et al.	—	—	
	AIHH	5,795,395	08/18/98	Ben-Matitayhu et al.	—	—	
	AJJJ	5,800,601	09/01/98	Zou et al.	—	—	
	AKKK	5,834,047	11/10/98	Ahn	—	—	
	ALLL	6,045,220	04/04/00	Kiyohara et al.	—	—	
	AMMM	6,058,843	05/09/00	Young	—	—	
	ANNN	6,251,452	06/26/01	Weinstein et al.	—	—	

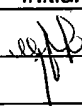

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
[Signature]	A000	1 441 446	06/30/76	Great Britain	—	—		
	APPP	57-179263	11/04/82	Japan	—	—	Abst.	
	AQQQ	58-052375	03/28/83	Japan	—	—	Abst.	
	ARRR	59-118049	07/07/84	Japan	—	—	Abst.	
	ASSS	60-126057	07/05/85	Japan	—	—	Abst.	
	ATTT	62-294035	12/21/87	Japan	—	—	Abst.	
	AUUU	02-074399	03/14/90	Japan	—	—	Abst.	
	AVVV	02-097357	04/09/90	Japan	—	—	Abst.	
	AWWW	03-039044	02/20/91	Japan	—	—	Abst.	
	AXXX	04-183360	06/30/92	Japan	—	—	Abst.	
	AYYY	05-276893	10/26/93	Japan	—	—	Abst.	
	AZZZ	06-113746	04/26/94	Japan	—	—	Abst.	

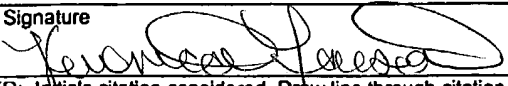
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							Yes	No
	AAAAA	06-113788	04/26/94	Japan	—	—	Abst.	
	ABBBB	95/01735	01/19/95	WIPO	—	—		
	ACCCC	97/27759	08/07/97	WIPO	—	—		
	ADDDD							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AEEEE	Machine translation of JP 06-113746, from Japanese Patent Office website, 4/1994.
	AFFFF	Machine translation of JP 06-113788, from the Japanese Patent Office website, 4/1994.
	AGGGG	Machine translation of JP 05-276893, from the Japanese Patent Office website, 10/1993.

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